Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 23 Dec 2020 until 23:59 on Thursday 24 Dec 2020

Forecast Issued on Wednesday 23 Dec 2020 at 02:48

Confidence: Medium for timing of clearance Wednesday due to uncertainty in northward extent of precipitation over the United Kingdom. High for settling down Thursday and for start of Christmas Day, but lower confidence for how quickly rain and cloud spreads from west on 25th.

Headline for Wednesday 23 Dec 2020: Murky with heavy snow at height, but falling as rain below 550m and turning lighter and more showery through the afternoon before clearing in the evening. Windy and cold at height.

Mountain weather hazards on Wednesday 23 Dec 2020

Blizzards Medium Likelihood	**Heavy Snow** High Likelihood	**Storm force winds** Low Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Light snow	Light snow	Light snow showers (night)
Precipitation probability					
60%	80%	90%	50%	40%	40%

Forecast for Wednesday 23 Dec 2020

Weather: Cloudy with outbreaks of mainly light rain overnight, but falling as snow above 550m. Rain and hill top snow turning heavier in the morning with blizzards over the tops and quite extensive hill fog. Rain and summit snow will turn more showery in the afternoon then clear in the evening, with cloud lifting and breaking to allow some clear spells, though most in west, but also a scattering of wintry showers, especially over the northeast of the park

Chance of cloud free mountain/hill tops above 800m: 20% at best with extensive cloud down to 500m, but lower in places, especially in heavy rain. Chance improving to between 40 and 60% in evening as clouds lift and become more broken.

Visibility: Moderate or poor, but often very poor at height in cloud and especially in snow, with blizzard conditions on the tops at times. Becoming mostly good through the evening, though falling poor again in wintry showers.

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Forecast for Wednesday 23 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	26/31 NE	32/39 NE	37/47 NE	41/52 NE	41/53 NE	40/52 N	35/45 N
600	17/21 NE	22/29 NE	27/36 NE	30/40 NE	30/42 NE	29/42 N	27/39 N
300	9/20 NE	10/26 NE	11/30 NE	12/33 NE	13/35 N	13/34 N	11/29 N
Valley	12/23 NE	14/29 NE	15/33 NE	16/36 NE	14/34 N	15/34 N	15/33 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-2/-11	-2/-11	-1/-11	-1/-11	-2/-12	-4/-13
600	-0/-6	-0/-7	0/-7	1/-7	1/-7	0/-8	-2/-10
300	2/-2	1/-3	2/-2	3/-2	3/-2	2/-2	0/-4
Valley	4/0	4/-1	5/0	5/1	5/1	4/-0	3/-2
Freezing Level*	600m	500m	600m	700m	700m	600m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A generally poor day for being out, with heavy rain and snow and areas of hill fog. Cold and windy at height with a severe chill and blizzard conditions on the tops at times. Several cm of snow likely to build above about 600m, with possibly some drifting.

Forecast for Thursday 24 Dec 2020

Weather: Some clear spells overnight but also a scattering of wintry showers in the early hours. Generally dry with long clear periods by the end of the night. Then a dry, chilly and sunny start, with a frost in shelter, but a band of wintry showers is expected to cross from the north in the morning, leaving a legacy of bubbly cloud. Mostly dry and bright in the afternoon with some sunny spells, but feeling very cold with a severe chill on the tops.

Maximum wind: Northerly 25-30 gust 40mph, perhaps 35 gust 50mph over more exposed tops

Chance of cloud free mountain/hill tops above 800m: 60-80% with generally well broken cloud 500-800m, but chance falling to 20% for a time in morning as band of showers crosses from north.

Visibility: Mostly very good, but some reductions in showers.

Temperature: **Valleys:** Plus 1, but minus 2 C in shelter, rising to plus 4 C by day
At 800m: Minus 3 C falling to minus 7 or minus 8 C
Freezing level: 550m falling to 200m

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Ground Conditions Supplement
No recent ground conditions report available.

Issued at: 02:48 on Wed 23 Dec 2020

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